

Power Cost Memorandum Surcharge Change

Date: October 21, 2021

Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160)	Utility File No. PC15-0417CCC	Date Filed: October 5, 2021
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PCE AMOUNT SUMMARY	Previously Calculated PC15-0417BBB	Staff Recommended Amount(s) and Effective Date PC15-0417CCC
Class Rate	<u>Date Approved:</u> October 8, 2021	October 22, 2021
Residential	\$0.0757	\$0.0757
Community Facilities:		
Boat Harbor	\$0.0757	\$0.0757
General Service 0 to 500 kWh	\$0.0757	\$0.0757
General Service over 500 kWh	\$0.0757	\$0.0757
Large Power 0 to 5,000 kWh	\$0.0757	\$0.0757
Large Power 5,001 to 20,000 kWh	\$0.0757	\$0.0757
Large Power Over 20,000 kWh	\$0.0757	\$0.0757
Street Lights	\$0.0757	\$0.0757
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$2.9294</u>	New Fuel Purchase Price: <u>\$2.9294</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.01630</u> Updated <u>0.01450</u>

Signed: _____

Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 10/21/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u> RMP		
Kurber		<u>JWW</u> JWW for KK		
Scott		<u>AGS</u> AGS		
Sullivan		<u>RMP</u> RMP for DS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Surcharge Change

	PC15-0417BBB	PC15-0417CCC
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	25,143,424	25,143,424
B. Total kWh Sold (Appendix 2)	23,444,126	23,444,126
C. Total Non-Fuel Costs (Appendix 2)	\$5,257,401	\$5,257,401
D. Non-Fuel Cost/kWh (C / B)	\$0.2243	\$0.2243
E. Total Fuel Costs (Appendix 2)	\$1,305,487	\$1,305,487
F. Fuel Costs/kWh (E / B)	\$0.0557	\$0.0557
G. Eligible Costs/kWh (D + F)	\$0.2800	\$0.2800
H. Eligible Cost/kWh (G) less base rate in effect	\$0.0797	\$0.0797
I. Lesser of (H) or 79.97 cents/kWh	\$0.0797	\$0.0797
J. Average Class Rates (Appendix 3)		
Residential	\$0.1174	\$0.1156
Community Facilities:		
Boat Harbor	\$0.1429	\$0.1411
General Service 0 to 500 kWh	\$0.1223	\$0.1205
General Service over 500 kWh	\$0.0847	\$0.0829
Large Power 0 to 5,000 kWh	\$0.1406	\$0.1388
Large Power 5,001 to 20,000 kWh	\$0.1176	\$0.1158
Large Power Over 20,000 kWh	\$0.0944	\$0.0926
Street Lights	\$0.1025	\$0.1007
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)		
Residential	\$0.0757	\$0.0757
Community Facilities:		
Boat Harbor	\$0.0757	\$0.0757
General Service 0 to 500 kWh	\$0.0757	\$0.0757
General Service over 500 kWh	\$0.0757	\$0.0757
Large Power 0 to 5,000 kWh	\$0.0757	\$0.0757
Large Power 5,001 to 20,000 kWh	\$0.0757	\$0.0757
Large Power Over 20,000 kWh	\$0.0757	\$0.0757
Street Lights	\$0.0757	\$0.0757
L. Funding Level in Effect	100%	100%
Residential	\$0.0757	\$0.0757
Community Facilities:		
Boat Harbor	\$0.0757	\$0.0757
General Service 0 to 500 kWh	\$0.0757	\$0.0757
General Service over 500 kWh	\$0.0757	\$0.0757
Large Power 0 to 5,000 kWh	\$0.0757	\$0.0757
Large Power 5,001 to 20,000 kWh	\$0.0757	\$0.0757
Large Power Over 20,000 kWh	\$0.0757	\$0.0757
Street Lights	\$0.0757	\$0.0757

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Appendix 1

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Surcharge Change

		PC15-0417BBB	PC15-0417CCC	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Hydraulic Power Generation		734,419	734,419	734,419
B. Other Power Generation		798,864	798,864	798,864
C. Distribution Expenses		695,937	695,937	695,937
D. Consumer Expenses		305,814	305,814	305,814
E. Administrative & General		1,164,204	1,164,204	1,164,204
F. Allowable Fixed Costs		1,531,670	1,531,670	1,531,670
G. Fuel Cartage, Lube Oil & Boiler Fuel		28,024	28,024	28,024
Revenues not related to Operating Exp.				
H.1 Interest Income		0	0	0
H.2 Non-operating Income		(132,843)	(132,843)	(132,843)
Non-operating Expense		131,312	131,312	131,312
Total Non-Fuel Costs		\$5,257,401	\$5,257,401	\$5,257,401
Fuel Costs:				
I. Gallons Consumed for Electric Generation		445,650	445,650	445,650
J. Price of Fuel		2.9294	2.9294	2.9294
K. Total Cost of Fuel		\$1,305,487	\$1,305,487	\$1,305,487
L. Total Sales		23,444,126	23,444,126	23,444,126
M.1 kWh Generated Diesel		5,733,054	5,733,054	5,733,054
M.2 kWh Generated Hydro		19,410,370	19,410,370	19,410,370
M.3 Total kWh Generated		25,143,424	25,143,424	25,143,424
N. Station Service		272,540	272,540	272,540
O. Fuel Efficiency	<u>Standard</u>			
(M.1/I)	≥ 12.0	12.86	12.86	12.86
P. Line Loss	≤ 12%	5.67%	5.67%	5.67%

((kWh generated-(kWh sales+ Station Service))/kWh generated

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Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.01450
Fuel Price \$2.92940

Calculation of Average Class Rate per kWh

Rate Schedule: 100 Residential

Customer Charge (CC): \$15

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.2714	0.01450	0.2859	157.95	0.3159	0.1156

500 157.95 0.3159 0.1156
TOTAL (A) (E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$15

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.296900	0.01450	0.3114	170.70	0.3414	0.1411

TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh

TOTAL (A) (E)

CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$23.50

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (CC/500)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to 500	0.2593	0.01450	0.3208	0.1205
501 to 9,999,999	0.2217	0.01450	0.2832	0.0829

Rate Schedule: 800 Large Power

Consumer Charge:

\$60.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B) +	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to 5000	0.2046	0.01450	0.3391	0.1388
5,001 to 25,000	0.1816	0.01450	0.3161	0.1158
Over 25,000	0.1584	0.01450	0.2929	0.0926

Rate Schedule: 900 Street Lights

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to ∞	0.2865	0.01450	0.3010	0.1007

Surcharge Calculation:

Fuel Price= \$2.92940
Surcharge= \$0.01450

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Appendix 3

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Signature: 

Email: antony.scott@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Oct 21, 2021 11:22 AKDT)

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Signature: 

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